

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 19, 2003, 20:18:27 ; Search time 2867 Seconds
(without alignments)
228 585 Million cell updates/sec

Title: US-09-758-881-115
Perfect score: 20
Sequence: 1 gctccagcatctgtctcttc 20

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 32997241 seqs, 16383922548 residues

Total number of hits satisfying chosen parameters: 19883410

Minimum DB seq length: 0
Maximum DB seq length: 30

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending_Patents_NA_Main:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	20	100.0	20	1 PCT-US00-09054-115	Sequence 115, App
2	20	100.0	20	2 PCT-US00-09054-115	Sequence 115, App
3	20	100.0	20	32 US-09-758-881-115	Sequence 115, App
4	20	100.0	20	41 US-09-958-236-115	Sequence 115, App

5 18.4 92.0 20 1 PCT-US00-09054-87 Sequence 87, Appl
6 18.4 92.0 20 2 PCT-US00-09054-87 Sequence 87, Appl
7 18.4 92.0 20 32 US-09-758-881-87 Sequence 87, Appl
8 18.4 92.0 20 41 US-09-958-236-87 Sequence 87, Appl
9 18 90.0 20 1 PCT-US00-09054-23 Sequence 23, Appl
10 18 90.0 20 2 PCT-US00-09054-23 Sequence 23, Appl
11 18 90.0 20 32 US-09-758-881-23 Sequence 23, Appl
12 18 90.0 20 41 US-09-958-236-23 Sequence 23, Appl
13 16.8 84.0 25 97 US-60-427-808-534105 Sequence 300647,
14 16.8 84.0 25 97 US-60-427-836-300647 Sequence 383, App
15 15.8 79.0 21 34 US-09-829-990-383 Sequence 383, App
16 15.8 79.0 21 44 US-10-043-777-383 Sequence 383, App
17 15.8 79.0 23 44 US-10-029-386-18005 Sequence 18005, A
18 15.8 79.0 25 20 US-09-396-196F-38135 Sequence 38135, A
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28 15.8 79.0 25 39 US-09-922-181A-1870 Sequence 1870, A
29 15.4 77.0 19 49 US-10-266-090-50015 Sequence 50015, A
30 15.2 76.0 24 5 US-08-024-569-30 Sequence 30, Appl
31 15.2 76.0 24 7 US-08-273-402A-30 Sequence 30, Appl
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33 15.2 76.0 25 51 US-10-355-577-394618 Sequence 394618, A
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35 15.2 76.0 25 97 US-60-427-808-534104 Sequence 534104, A
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42 14.8 74.0 25 20 US-09-396-196F-61212 Sequence 61212, A
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44 14.8 74.0 25 39 US-09-922-181A-1864 Sequence 1864, A
45 14.8 74.0 25 39 US-09-922-181A-1872 Sequence 1872, A

ALIGNMENTS

RESULT 1
PCT-US00-09054-115
; Sequence 115, Application PC/TUS0009054
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of
; FILE REFERENCE: ISPH-0449
; CURRENT APPLICATION NUMBER: PCT/US00/09054
; EARLIER FILING DATE: 2000-04-06
; EARLIER APPLICATION NUMBER: US 09/288,461
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
PCT-US00-09054-115

Query Match 100.0%; Score 20; DB 1; length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTCCAGCATCTGCTGCTTC 20
Db 1 GCTCCAGCATCTGCTGCTTC 20

RESULT 2

PCT-US00-09054-115
; Sequence 115, Application PC/TUS0009054
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of
; FILE REFERENCE: ISPH-0449
; CURRENT APPLICATION NUMBER: PCT/US00/09054
; EARLIER FILING DATE: 2000-04-06
; EARLIER APPLICATION NUMBER: US 09/288,461
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
PCT-US00-09054-115

Query Match 100.0%; Score 20; DB 2; length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTCCAGCATCTGCTGCTTC 20
Db 1 GCTCCAGCATCTGCTGCTTC 20

RESULT 3

US-09-758-881-115
; Sequence 115, Application US/09758881
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE REFERENCE: ISPH-0532
; CURRENT APPLICATION NUMBER: US/09/758,881
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-115

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Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 GCTCCAGCATCTGCTGCTTC 20

RESULT 4
US-09-958-236-115
; Sequence 115, Application US/09958236

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; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: Antisense oligonucleotide Modulation of
; TITLE OF INVENTION: STAT3 Expression
; FILE REFERENCE: ISPH-0449
; CURRENT APPLICATION NUMBER: US/09/958,236
; PRIOR FILING DATE: 2001-10-05
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-958-236-115
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Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 GCTCCAGCATCTGCTGCTTC 20
Db      1 GCTCCAGCATCTGCTGCTTC 20
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PCT-US00-09054-87
; Sequence 87, Application PC/TUS0009054
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: Antisense oligonucleotide Modulation of
; TITLE OF INVENTION: STAT3 Expression
; FILE REFERENCE: ISPH-0449
; CURRENT APPLICATION NUMBER: PCT/US00/09054
; CURRENT FILING DATE: 2000-04-06
; EARLIER APPLICATION NUMBER: US 09/288,461
; EARLIER FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
PCT-US00-09054-87
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Best Local Similarity 95.0%; Pred. No. 2.8e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1 GCTCCAGCATCTGCTGCTTC 20
Db      1 GCTCCAGCATCTGCTGCTTC 20
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RESULT 6
PCT-US00-09054-87
; Sequence 87, Application PC/TUS0009054
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: Antisense oligonucleotide Modulation of
; TITLE OF INVENTION: STAT3 Expression
; FILE REFERENCE: ISPH-0449
; CURRENT APPLICATION NUMBER: PCT/US00/09054
; CURRENT FILING DATE: 2000-04-06
; EARLIER APPLICATION NUMBER: US 09/288,461
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; EARLIER FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
PCT-US00-09054-87
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Query Match          92.0%; Score 18.4; DB 2; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.8e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1 GCTCCAGCATCTGCTGCTTC 20
Db      1 GCTCCAGCATCTGCTGCTTC 20
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RESULT 7
US-09-758-881-87
; Sequence 87, Application US/09758881
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Antisense oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0532
; CURRENT APPLICATION NUMBER: US/09/758,881
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-87
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Query Match          92.0%; Score 18.4; DB 32; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.8e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1 GCTCCAGCATCTGCTGCTTC 20
Db      1 GCTCCAGCATCTGCTGCTTC 20
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RESULT 8
US-09-958-236-87
; Sequence 87, Application US/09958236
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: Antisense oligonucleotide Modulation of
; TITLE OF INVENTION: STAT3 Expression
; FILE REFERENCE: ISPH-0449
; CURRENT APPLICATION NUMBER: US/09/958,236
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Antisense oligonucleotide
US-09-958-236-87

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Best Local Similarity 95.0%; Pred. No. 2.8e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 1 GCTCCAGCATCTGCTGCTC 20

RESULT 9
PCT-US00-09054-23

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; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of
; TITLE OF INVENTION: STAT3 Expression
; FILE REFERENCE: ISPH-0449
; CURRENT APPLICATION NUMBER: PCT/US00/09054
; CURRENT FILING DATE: 2000-04-06
; EARLIER APPLICATION NUMBER: US 09/288,461
; EARLIER FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
PCT-US00-09054-23

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Best Local Similarity 100.0%; Pred. No. 4.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTCCAGCATCTGCTGCT 18
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DB 3 GCTCCAGCATCTGCTGCT 20

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PCT-US00-09054-23

; Sequence 23, Application PC/TUS0009054
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of
; TITLE OF INVENTION: STAT3 Expression
; FILE REFERENCE: ISPH-0449
; CURRENT APPLICATION NUMBER: PCT/US00/09054
; CURRENT FILING DATE: 2000-04-06
; EARLIER APPLICATION NUMBER: US 09/288,461
; EARLIER FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
PCT-US00-09054-23

Query Match 90.0%; Score 18; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTCCAGCATCTGCTGCT 18
||||| |||||||

DB 3 GCTCCAGCATCTGCTGCT 20

RESULT 11
US-09-758-881-23
; Sequence 23, Application US/09758881
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; APPLICANT: Antisense Oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0532
; CURRENT APPLICATION NUMBER: US/09/758,881
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-23

Query Match 90.0%; Score 18; DB 32; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTCCAGCATCTGCTGCT 18
||||| |||||||
DB 3 GCTCCAGCATCTGCTGCT 20

RESULT 12
US-09-958-236-23

; Sequence 23, Application US/09958236
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of
; TITLE OF INVENTION: STAT3 Expression
; FILE REFERENCE: ISPH-0449
; CURRENT APPLICATION NUMBER: US/09/958,236
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-958-236-23

Query Match 90.0%; Score 18; DB 41; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTCCAGCATCTGCTGCT 18
||||| |||||||
DB 3 GCTCCAGCATCTGCTGCT 20

RESULT 13
US-60-427-808-534105/c

; Sequence 534105, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou


```
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 534105
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808 534105
```

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Query Match      84.0%; Score 16.8; DB 97; Length 25;
Best Local Similarity 90.0%; Pred. No. 1.3e+04;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1 GCTCCAGCATCTGCTGCTTC 20
          ||||| ||| |||||
DB      23 GCTCCAGCAGCTGTGCTTC  4
```

RESULT 14

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US-60-427-836-300647/c
; Sequence 300647, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 300647
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-300647
```

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Query Match      84.0%; Score 16.8; DB 97; Length 25;
Best Local Similarity 90.0%; Pred. No. 1.3e+04;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1 GCTCCAGCATCTGCTGCTTC 20
          ||| ||||| ||| |||||
DB      20 GCTTCAGCATCCGCTGCTTC  1
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RESULT 15

```
US-09-829-990-383
; Sequence 383, Application US/09829990
; GENERAL INFORMATION:
; APPLICANT: Housman, David E.
; APPLICANT: Ledley, Fred D.
; APPLICANT: Stanton, Vincent P.
; TITLE OF INVENTION: TARGET GENES FOR ALLELE-SPECIFIC DRUGS
; FILE REFERENCE: 11926-059002
; CURRENT APPLICATION NUMBER: US/09/829,990
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 09/045,053
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 60/041,057
; PRIOR FILING DATE: 1997-03-20
; NUMBER OF SEQ ID NOS: 1022
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 383
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: n - g or a
US-09-829-990-383
```

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Query Match      79.0%; Score 15.8; DB 34; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.2e+04;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1 GCTCCAGCATCTGCTGCTTC 20
          ||||| ||| |||||
DB      2 GCTCCAGCANCCTGTGCTGC  21
```

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Search completed. August 19, 2003, 22.09.59
Job time : 2868 secs
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1

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